

NEBRASKA

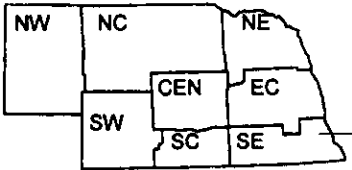
WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending August 11, 1996

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National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
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and Natural Resources-UN-L

WEATHER

The week was wet and mild. Temperatures across the State averaged two to four degrees below normals. Precipitation amounts ranged from a few tenths of an inch to over five and a half inches in the northeast.

GENERAL

Rainfall last week improved soil moisture supplies, however, below normal temperatures continued to slow crop development, according to the Nebraska Agricultural Statistics Service. Reports from the northeast and east central districts indicated the rainfall of the past weeks has resulted in standing water in lowland areas. Grasshoppers continued to be noted in any areas of the State as well as corn borer. Producer activities included irrigating crops, spraying for insects, harvesting oats, cutting alfalfa and soil preparation for fall seeded crops.

CROPS

The all corn condition rated 3% poor, 13% fair, 60% good, and 24% excellent. Irrigated corn rated 86% good or excellent and dryland corn rated 84% good or excellent. As of Sunday, 97% of the crop had reached the silking stage or beyond compared to 82% last year and 92% average. Acreage in dough or beyond advanced to 22%, compared with 6% last year and 39% for the five-year average. Many farmers were spraying for corn borer, if high counts were present.

Soybean condition rated 3% poor, 15% fair, 65%

CROPS (Cont.)

good, and 17% excellent. Acreage blooming or beyond progressed to 97%, compared with 84% last year and 92% for the five-year average. Statewide, 51% of the acreage was setting pods, compared with 35% last year and the average of 57%.

Sorghum condition rated 1% poor, 17% fair, 65% good, and 17% excellent. Sorghum headed advanced to 57% last week, ahead of 23% last year but behind the five-year average of 55%.

Oats harvest progressed to 97% complete as of Sunday. This compared with 89% last year and 92% for the five-year average.

Dry bean condition rated 3% poor, 16% fair, 77% good, and 4% excellent. As of Sunday, 86% of the crop was setting pods, compared with 44% last year.

Alfalfa condition rated 6% poor, 33% fair, 53% good, and 8% excellent. Second cutting was virtually complete as of Sunday. Third cutting progressed to 18% harvested as of Sunday, compared with 14% last year, and 24% average. Wild hay condition rated 3% poor, 20% fair, 62% good, and 15% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated 3% poor, 26% fair, 62% good and 9% excellent. Pastures continued to benefit from moisture received. Cattle and hogs have benefitted from the below normal temperatures. However, a few losses were reported from flooding in low areas of the east central.

FIELD WORK PROGRESS AS OF AUGUST 11, 1996	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Silked	96	94	95	95	98	99	100	100	97	90	82	92
% Corn Dough Stage	15	21	12	20	23	26	23	44	22	7	6	39
% Soybean Blooming	n/a	97	95	98	98	99	97	98	97	91	84	92
% Soybean Setting Pods	n/a	38	43	70	52	41	55	54	51	38	35	57
% Sorghum Headed	n/a	45	26	52	40	52	46	72	57	19	23	55
% Oats Harvested	90	97	98	98	95	85	96	100	97	82	89	92
% Alfalfa Second Cutting	87	97	99	98	98	98	99	100	97	92	97	98
% Alfalfa Third Cutting	10	15	15	18	13	26	30	18	18	7	14	24
% Dry Beans Setting Pods	87	75	58	n/a	n/a	86	n/a	n/a	86	55	44	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 9, 1996												
Days suitable	52	58	23	38	29	48	14	49	39	49	64	
Topsoil moisture - Very Short	3	0	0	0	0	0	0	0	0	1	21	
(Percent) - Short	19	15	3	16	25	6	0	17	13	22	55	
- Adequate	77	82	66	84	44	86	70	83	73	69	24	
- Surplus	1	3	31	0	31	8	30	0	14	8	0	
Subsoil moisture - Very Short	2	0	0	0	0	0	0	2	0	1	10	
(Percent) - Short	19	16	6	26	19	14	0	51	17	22	50	
- Adequate	79	81	72	74	65	86	84	47	75	70	40	
- Surplus	0	3	22	0	16	0	16	0	8	7	0	

n/a = not available.

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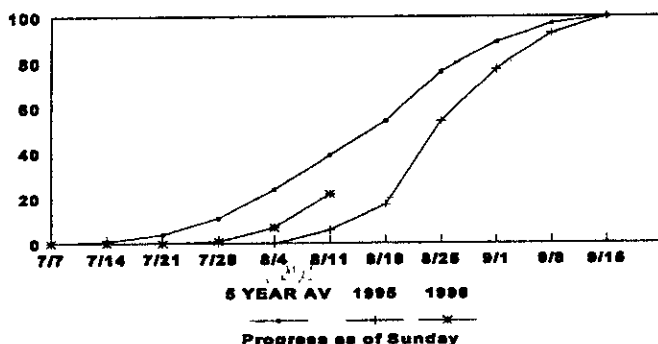
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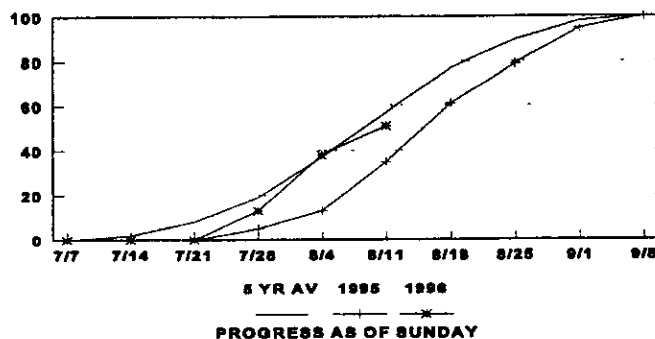
CORN DOUGH

% Corn in Dough

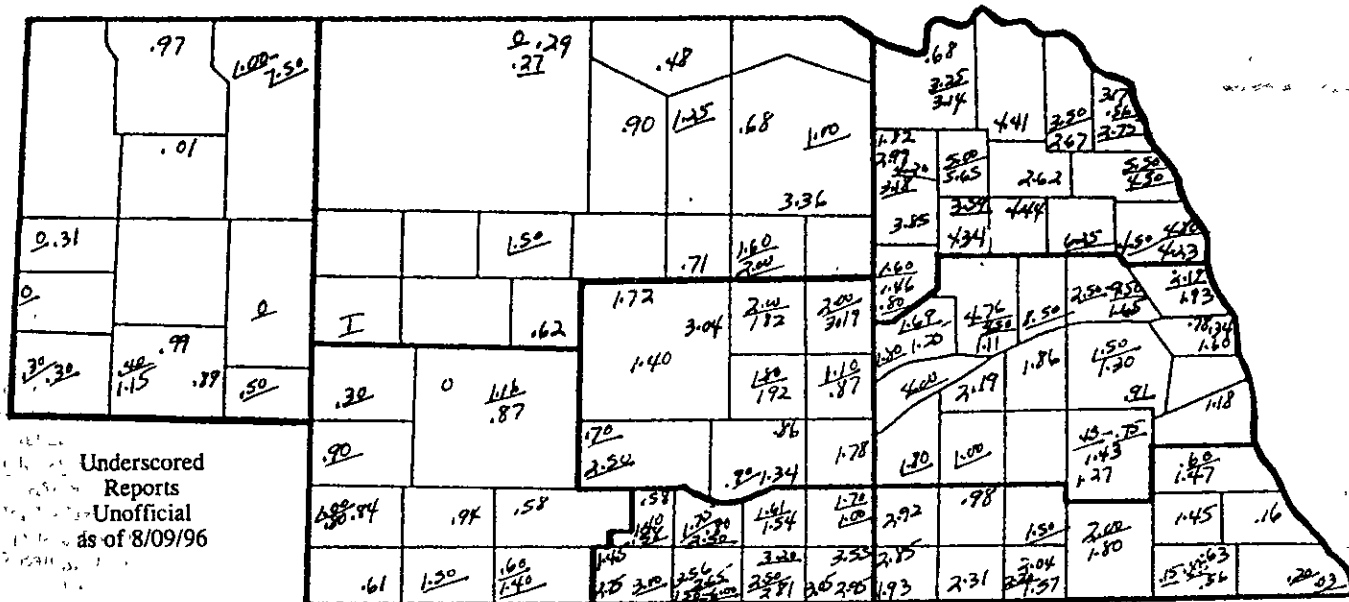


SOYBEANS PODDED

% SOYBEANS PODDED



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, AUGUST 10, 1996



PRECIPITATION, APRIL 1 - AUGUST 10, 1996

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.72	1.22	3.27	1.79	1.45	.66	2.22	1.59
Total since April 1	5.98	7.51	10.80	9.69	12.77	7.35	11.21	13.12
Normal since April 1	10.81	13.04	14.60	14.30	15.56	12.29	14.16	15.83
Total as % of normal	55%	58%	74%	68%	82%	60%	79%	83%

TEMPERATURE AND PRECIPITATION, WEEK ENDING SATURDAY, AUGUST 10, 1996
GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 11, 1996

GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 11, 1990									
Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	95	43	69	---	.97	---	---	---
	Scottsbluff	91	46	70	-4	.31	1613	1766	1823
	Sidney	89	49	70	---	1.15	1530	1690	1765
NC	Valentine	91	45	72	-2	.29	---	---	---
	Arthur	---	---	---	---	---	1532	1695	1859
	O'Neill	---	---	---	---	---	1539	1716	1997
NE	Norfolk	92	56	73	-2	3.59	---	---	---
	Sioux City	90	56	73	-2	3.17	---	---	---
	Concord	---	---	---	---	---	1600	1772	2107
	Elgin	---	---	---	---	---	1623	1799	2130
	West Point	---	---	---	---	---	1716	1898	2133
CEN	Grand Island	92	58	74	-2	1.78	---	---	---
	Ord	93	55	73	---	1.82	1665	1841	2074
	Kearney	---	---	---	---	---	1781	1960	2131
EC	Lincoln	94	56	75	-2	1.43	1899	2093	2359
	Omaha	92	59	75	-2	1.34	---	---	---
	Central City	---	---	---	---	---	1746	1919	2220
	Mead	---	---	---	---	---	1829	2017	2240
SW	Imperial	90	45	71	---	.80	---	---	---
	North Platte	90	52	71	-3	.87	1675	1853	1956
	McCook	---	---	---	---	---	1800	1983	2131
SC	Holdrege	---	---	---	---	---	1814	1989	2137
	Red Cloud	---	---	---	---	---	1883	2059	2175
SE	Beatrice	---	---	---	---	---	1909	2105	2142
	Clay Center	---	---	---	---	---	1734	1905	2203

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day is 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.